

DEFINITION	CIU39835 Coccidioides immitis immunoreactive cell wall protein mRNA, complete cds.
ACCESSION	U39835
VERSION	U39835.1
KEYWORDS	coccidioides posadasii Coccidioides posadasii
SOURCE	Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes; Orygenes; mitosporic Onygenales; Coccidioides, 1 (bases 1 to 1201)
ORGANISM	Dugger, K.O., Villareal, K.M., Nguen, A., Zimmermann, C.R., Law, J.H. and Galgiani, J.N.
REFERENCE	Cloning and sequence analysis of the cDNA for a protein from Coccidioides immitis with immunogenic potential Coccidioides, Biophys. Res. Commun. 218 (2), 485-489 (1996)
TITLE	9614702
JOURNAL	8561782
PUBLMED	2 (bases 1 to 1201)
REFERENCE	Dugger, K.O. and Galgiani, J.N.
AUTHORS	2
JOURNAL	Submitted (01-NOV-1995) Kris O. Dugger, Infectious Diseases, University of Arizona, 1501 N. Campbell, Tucson, AZ 85724, USA
FEATURES	Location/Qualifiers
SOURCE	1. .1201
CDS	/organism="Coccidioides posadasii" /mol_type="mRNA" /strain="Silverra" /db_xref="taxon:99306" /note=".736 kDa apoglycoprotein" /codon_start=1 /product="immunoreactive spherule cell wall protein" /protein_id="AAC9140.1" /db_xref="GI:161374" /translation="MOSHALIAVALVAAGASASQDIPPCALNCFVEALGNQDCTRL DEKCHCKKPELPGQITPEACPLDTSVSHVDOCSKAGVPIVDPTTAPE PSETAEPPTAEPTEPTAEPTEPTAEPTEPTAEPTEPTAEPTEPTAEP PTAATPAPPGAGSNVRASVGGAALALGGLAVAL"
BASE COUNT	249 a 369 c 275 g 308 t
ORIGIN	US-10-081-935-4 (1-194) x CIU39835 (1-1201)
ALIGNMENT Scores:	
Pred. No.:	1.57e-51
Length:	1201
Score:	1023.00
Percent Similarity:	100.00%
Best Local Similarity:	100.00%
Query Match:	100.00%
DB:	8
BASE COUNT	249 a 369 c 275 g 308 t
ORIGIN	US-10-081-935-4 (1-194) x CIU39835 (1-1201)
RESULT 2	CIU3518
DEFINITION	Coccidioides immitis antigen 2 (Ag2)-mRNA, complete cds.
ACCESSION	U2518
VERSION	U2518.1
KEYWORDS	Coccidioides posadasii Coccidioides posadasii
SOURCE	Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes; Orygenes; mitosporic Onygenales; Coccidioides, 1 (bases 1 to 1234)
ORGANISM	Zhu, Y., Yang, C., Magee, D.M. and Cox, R.A.
REFERENCE	Molecular cloning and characterization of Coccidioides immitis antigen 2 cDNA Infect. Immun. 64 (7), 2695-2699 (1996)
AUTHORS	96294782
JOURNAL	8989497
PUBLMED	2 (bases 1 to 1234)
REFERENCE	Cox, R.A.
AUTHORS	2
JOURNAL	Submitted (27-JUL-1995) Texas Center for Infectious Disease, Research Immunology, 2303 S. B. Military Drive, San Antonio, TX 78223, USA
COMMENT	On Feb 24, 1996 this sequence version replaced gi:1184058.
FEATURES	Location/Qualifiers
SOURCE	1. .1234
CDS	/organism="Coccidioides posadasii" /mol_type="mRNA" /strain="Silverra" /db_xref="taxon:99306" /cell_type="spherule" 1. .1234 /gene="Ag2" 175. .759 /gene="Ag2" /notes="major T-cell-reactive component of mycelia and spherule cell walls" /codon_start=1 /product="antigen 2" /protein_id="AB18149.1" /db_xref="GI:1200180" /translation="MOSHALIAVALVAAGASASQDIPPCALNCFVEALGNQDCTRL DEKCHCKKPELPGQITPEACPLDTSVSHVDOCSKAGVPIVDPTTAPE PSETAEPPTAEPTEPTAEPTEPTAEPTEPTAEPTEPTAEPTEPTAEP PTAATPAPPGAGSNVRASVGGAALALGGLAVAL"
BASE COUNT	252 a 383 c 277 g 322 t
ORIGIN	81 AspGlnCysSerIleValAlaGlyValProIleAspIleProProValAspThrThrAlaAla 100 82 GACGAGTGTCCANGGCCGCGTCCAACTGACITCCCACAGTGACACGCCGCT 451
gene	poly_A_site
CDS	/gene="Ag2" /gene="Ag2" /notes="major T-cell-reactive component of mycelia and spherule cell walls" /codon_start=1 /product="antigen 2" /protein_id="AB18149.1" /db_xref="GI:1200180" /translation="MOSHALIAVALVAAGASASQDIPPCALNCFVEALGNQDCTRL DEKCHCKKPELPGQITPEACPLDTSVSHVDOCSKAGVPIVDPTTAPE PSETAEPPTAEPTEPTAEPTEPTAEPTEPTAEPTEPTAEPTEPTAEP PTAATPAPPGAGSNVRASVGGAALALGGLAVAL"
gene	1234
CDS	/gene="Ag2" /gene="Ag2"
BASE COUNT	252 a 383 c 277 g 322 t
ORIGIN	332 CCTTGGCTGAGGAGGCTGCCCTCTGAGGCCGTAATCCGTCACATGCTGTT 391

